



STIC Search Report

EIC 2800

STIC Database Tracking Number: 166614

TO: Andrew Tran
Location: JEF-7A71
Art Unit : 2824
Thursday, September 22, 2005

Case Serial Number: 09/821182

From: Darcy Bates
Location: EIC 2800
JEF- 4B68
Phone: 571-272-2540

darcy.bates@uspto.gov

Search Notes

08/863,156
Re: 09/821,182 US 5,889,694

Attached are search results.

No U. S. litigation was found in searches of
Lexis-Nexis and Questel-Orbit databases.

If more searching or explanation is needed, please let
me know.

Thanks,

Darcy Bates



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Patent Search - Number: 5,889,694

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863156 (08) 5889694 March 30, 1999

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5889694

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March 30, 1999

Dual-addressed rectifier storage device

REEXAM-LITIGATE:

NOTICE OF LITIGATION

NOTICE OF LITIGATION Reissue Application filed Mar. 29, 2001 (O.G. Sep. 4,

NOTICE OF LITIGATION

2001) Ex. Gp.: 2818; Re. S.N. 09/821,182

INVENTOR: Shepard, Daniel R. - 88 Union St., Portsmouth, New Hampshire, United States (US), 03801

APPL-NO: 863156 (08)

FILED-DATE: May 27, 1997

GRANTED-DATE: March 30, 1999

ASSIGNEE-AFTER-ISSUE: June 4, 2001 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., NUP2 INCORPORATED 186 ATLANTIC AVENUE NORTH HAMPTON NEW HAMPSHIRE 03862, Reel and Frame Number: 11855/0290

PUB-TYPE: March 30, 1999 - Utility Patent having no previously published pre-grant publication (A)

PUB-COUNTRY: United States (US)

REL-DATA:

Continuation-in-part of Ser. No. 08/610992, March 5, 1996, GRANTED 5673218, September 30, 1997

US-MAIN-CL: 365#105

US-ADDL-CL: 257#E27.073, 345#82, 345#83, 365#111, 365#175, 365#227, 365#239

CL: 365, 257, 345, 365


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Syntax	Definition
and	and
or	or
w/N	within N words
not w/N	not within N words
pre /N	precedes by N words
w/p	in same paragraph
not w/p	not in same paragraph
w/seg	in same segment
not w/seg	not in same segment
w/s	in same sentence
not w/s	not in same sentence
and not	and not
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w/seg	in same segment
not w/seg	not in same segment
w/s	in same sentence
not w/s	not in same sentence
and not	and not
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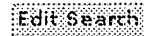
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Syntax	Definition
<u>and</u>	and
<u>or</u>	or
<u>w/N</u>	within N words
<u>not w/N</u>	not within N words
<u>pre /N</u>	precedes by N words
<u>w/p</u>	in same paragraph
<u>not w/p</u>	not in same paragraph
<u>w/seg</u>	in same segment
<u>not w/seg</u>	not in same segment
<u>w/s</u>	in same sentence
<u>not w/s</u>	not in same sentence
<u>and not</u>	and not
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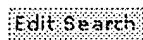
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Selected file: PLUSPAT

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Query/Command : us5889694/pn

** SS 3: Results 1

Search statement 4

Query/Command : prt fu legalall max

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image
PN - US5889694 A 19990330 [US5889694]
TI - (A) Dual-addressed rectifier storage device
IN - (A) SHEPARD DANIEL R (US)
AP - US86315697 19970527 [1997US-0863156]
FD - C.I.P. of US610992 19960305 [1996US-0610992]
Continuation-in-part of: US5673218 - 19970930
PR - US86315697 19970527 [1997US-0863156]
US61099296 19960305 [1996US-0610992]
IC - (A) G11C-017/06
EC - G11C-008/04
G11C-017/06
H01L-027/102D
PCL - ORIGINAL (O) : 365105000; CROSS-REFERENCE (X) : 257E27073
345082000 345083000 365111000 365175000 365227000 365239000
DT - Basic
CT - US3245051; US3373406; US3626389; US3838405; US4070654; US4090190;
US4240151; US4312046; US4342102; US4347585; US4385368; US4404480;
US4479200; US4534008; US4554640; US4608672; US4661927; US4772886;
US4800529; US4845679; US4884238; US5719589
STG - (A) United States patent
AB - A read-only data storage and retrieval device is presented having
no moving parts and requiring very low power. Addressing can be
accomplished sequentially where the address increments
automatically or can be accomplished randomly. High density
storage is achieved through the use of a highly symmetric diode
matrix that is addressed in both coordinate directions; its
symmetry makes the Dual-addressed Rectifier Storage (DRS) Array
very scaleable, particularly when made as an integrated circuit.
For even greater storage flexibility, multiple digital rectifier
storage arrays can be incorporated into the device, one or more of
which can be made removable and interchangeable.

1 / 1 LGST - @EPO
PN - US5889694 A 19990330 [US5889694]
AP - US86315697 19970527 [1997US-0863156]
ACT - 20010604 US/AS-A
ASSIGNMENT

9/22/05

US 5,889,694

09/821182

OWNER: NUP2 INCORPORATED 186 ATLANTIC AVENUE NORTH HAMPTO;
EFFECTIVE DATE: 20010521
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:SHEPARD, DANIEL
R.;REEL/FRAME:011855/0290

20010904 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20010329

UP - 2004-35

1 / 1 CRXX - @CLAIMS/RRX
AN - 3131334
PN - 5,889,694 A 19990330 [US5889694]
PA - Shepard, Daniel R
PT - E (Electrical)
ACT - 20010329 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010904
REISSUE REQUEST NUMBER: 09/821182
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2818

Reissue Patent Number:

20010604 REASSIGNED
ASSIGNMENT OF ASSIGNOR'S INTEREST

Assignor: SHEPARD, DANIEL R. DATE SIGNED: 05/21/2001

Assignee: NUP2 INCORPORATED 186 ATLANTIC AVENUE NORTH HAMPTON, NEW
HAMPSHIRE 03862

Reel 011855/Frame 0290

Contact: TESTA, HURWITZ & THIBEAULT, LLP STEVEN J. FRANK HIGH
STREET TOWER 125 HIGH STREET BOSTON, MA 02110

UP - 2001-36
UACT- 2001-09-04
URAS- 2001-12-11

Search statement 4

Query/Command : fam us5889694/pn

1 Patent Groups
** SS 4: Results 2

Search statement 5

Query/Command : famstate nonstop

1 / 2 PLUSPAT - @QUESTEL-ORBIT - image
PN - US5673218 A 19970930 [US5673218]
STG - (A) United States patent
TI - (A) Dual-addressed rectifier storage device
IN - (A) SHEPARD DANIEL R (US)
IC - (A) G11C-017/06
AP - US61099296 19960305 [1996US-0610992]
PR - US61099296 19960305 [1996US-0610992]
EC - G11C-017/06
H01L-027/102D
H01L-027/112
PCL - ORIGINAL (O) : 365105000; CROSS-REFERENCE (X) : 257E27073
257E27102 365175000 365227000 365239000
DT - Basic

1 / 1 LEGALI - @EPO
PN - US5673218 A 19970930 [US5673218]
AP - US61099296 19960305 [1996US-0610992]
ACTE- 20010604 US/AS-A
ASSIGNMENT
OWNER: NUP2 INCORPORATED 186 ATLANTIC AVENUE NORTH HAMPTO;
EFFECTIVE DATE: 20010521
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:SHEPARD, DANIEL
R.;REEL/FRAME:011855/0276
UP - 2004-35

2 / 2 PLUSPAT - @QUESTEL-ORBIT - image
PN - US5889694 A 19990330 [US5889694]
STG - (A) United States patent
TI - (A) Dual-addressed rectifier storage device
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EC - G11C-008/04
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PCL - ORIGINAL (O) : 365105000; CROSS-REFERENCE (X) : 257E27073
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PN - US5889694 A 19990330 [US5889694]
AP - US86315697 19970527 [1997US-0863156]
ACTE- 20010604 US/AS-A
ASSIGNMENT
OWNER: NUP2 INCORPORATED 186 ATLANTIC AVENUE NORTH HAMPTO;
EFFECTIVE DATE: 20010521
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:SHEPARD, DANIEL
R.;REEL/FRAME:011855/0290

20010904 US/RF-A

9/22/05

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EFFECTIVE DATE: 20010329

UP - 2004-35

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610992 (08) 5673218 September 30, 1997

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September 30, 1997

Dual-addressed rectifier storage device

INVENTOR: Shepard, Daniel R. - 88 Union St., Portsmouth, New Hampshire, United States (US), 03801

APPL-NO: 610992 (08)

FILED-DATE: March 5, 1996

GRANTED-DATE: September 30, 1997

ASSIGNEE-AFTER-ISSUE: June 4, 2001 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., NUP2 INCORPORATED 186 ATLANTIC AVENUE NORTH HAMPTON NEW HAMPSHIRE 03862, Reel and Frame Number: 11855/0276

PUB-TYPE: September 30, 1997 - Utility Patent having no previously published pre-grant publication (A)

PUB-COUNTRY: United States (US)

US-MAIN-CL: 365#105

US-ADDL-CL: 257#E27.073, 257#E27.102, 365#175, 365#227, 365#239

CL: 365, 257, 365

SEARCH-FLD: 365#105, 365#175, 365#230.09, 365#239, 365#243, 365#227

IPC-MAIN-CL: 6G 11C017#6

PRIM-EXMR: Nelms, David C.

ASST-EXMR: Tran, Andrew Q.

REF-CITED:

[03245051](#), April, 1966, Robb, United States (US), 365096
[03373406](#), March, 1968, Cannon et al., United States (US), 34082594
[03626389](#), December, 1971, Waaben, United States (US), 365175
[03838405](#), September, 1974, Arnett et al., United States (US), 365175
[04070654](#), January, 1978, Tachi, United States (US), 365104
[04090190](#), May, 1978, Rostkovsky et al., United States (US), 341105
[04240151](#), December, 1980, Kawagoe, United States (US), 365104